

CLAIMS

What is claimed is:

1. An epidermal growth factor polypeptide having at least 90% amino acid identity
5 to SEQ ID NO: 1 and having epidermal growth factor biological activity that is greater than the biological activity of the polypeptide of SEQ ID NO: 1.
2. The epidermal growth factor polypeptide of Claim 1, said polypeptide having the amino acid sequence of SEQ ID NO: 2.
- 10 3. The epidermal growth factor polypeptide of Claim 1, wherein said polypeptide has a biological activity that is at least two times greater than the biological activity of the polypeptide of SEQ ID NO: 1.
- 15 4. The epidermal growth factor polypeptide of Claim 1, wherein said polypeptide has a biological activity that is at least five times greater than the biological activity of the polypeptide of SEQ ID NO: 1.
- 20 5. The epidermal growth factor polypeptide of Claim 1, wherein said polypeptide has a biological activity that is at least ten times greater than the biological activity of the polypeptide of SEQ ID NO: 1.
- 25 6. The epidermal growth factor polypeptide of Claim 1, wherein said polypeptide has a biological activity that is at least fifty times greater than the biological activity of the polypeptide of SEQ ID NO: 1.
7. The epidermal growth factor polypeptide of Claim 1, wherein said polypeptide has a biological activity that is at least one hundred times greater than the biological activity of the polypeptide of SEQ ID NO: 1.